



PUMP

The DAYLIFF DB range of horizontal multistage centrifugal pumps are commercial quality products designed for continuous duty in various water transfer applications. The pump has small physical dimensions, axial suction port and radial discharge port and is base plate mounted. Pump construction is AISI304 for the suction chamber, pump head, the impeller and impeller housing. Both pump and continuously rated motor unit are of monoblock design, and particular attention has been paid to quietness and smooth operation.

MOTOR

The pump is coupled to a totally enclosed, fan cooled squirrel-cage motor. Single phase motors include a built in thermal overload protection and should be connected to mains power through a 10A fuse or MCB. Three phase motors should be installed with a remote starter.

Enclosure Class: IP55

Insulation Class: F

Speed: 2900rpm

OPERATING CONDITIONS

Pumped liquids: Thin, clean, non-aggressive and non-explosive liquids without solid particles or fibres.

Liquid Temperature Range: 0°C to +105°C

Max. Ambient Temperature: +40°C

Max. Suction Lift: According to the NPSH curve plus a safety margin of 1.0m

Max. Inlet Pressure: 5.3 bar

Max. Operating Pressure: 10 bar up to 45°C

PUMP DATA

Model	Voltage (V)	Motor		Current (A)	Dimensions (mm)					DN1 (")	DN2 (")	Weight (kg)
		kW	HP		L	L2	L3	H	H1			
DB 16-20	1x240	2.2	3	8.2	475	138	108	258	118	2	2	27
				4.8				240				
DB 16-30	3x415	3	4	6.2	520			240				33
DB 16-40		4	5.5	8.1	611			283	130			40

